

IS&R	L1	121	("359/818").CCLS.	USPAT
IS&R	L2	701	("359/819").CCLS.	USPAT
IS&R	L3	194	("359/821").CCLS.	USPAT
IS&R	L4	259	("359/822").CCLS.	USPAT
IS&R	L5	91	("359/830").CCLS.	USPAT
BRS	L6	23438	optical near2 (mount\$5 or hold\$5)	USPAT; EPO; JPO
BRS	L7	959	6 and (first near2 plate)	USPAT; EPO; JPO
BRS	L8	623	7 and (second near2 plate)	USPAT; EPO; JPO
BRS	L9	399	8 and movement	USPAT; EPO; JPO
BRS	L10	149	8 and (movement near5 plate)	USPAT; EPO; JPO

0	US 6247817 B1	USPAT 20010619	29	Projector	353/38	Ogawa, Yasunori , et al.
0	US 6243350 B1	USPAT 20010605	110	Optical storage systems with flying optical heads for near-field recording and reading	369/126	Knight, Gordon R. , et al.
0	US 6226055 B1	USPAT 20010501	9	Projector	349/5	Koba, Hiroki
0	US 6198580 B1	USPAT 20010306	6	Gimbal optical mount	359/822	Dallakian, Armen Yu.
0	US 6171177 B1	USPAT 20010109	14	Apparatus and method for midspan access of encapsulated optical fibers	451/59	Fitz, Jonathan G.
0	US 6157595 A	USPAT 20001205	92	Magneto-optical disk loading device	369/13	Ueda, Kazuhiko , et al.
0	US 6144809 A	USPAT 20001107	19	Stereoscopic camera	396/326	Inaba, Minoru
0	US 6142634 A	USPAT 20001107	29	Projector	353/38	Ogawa, Yasunori , et al.
0	US 6141309 A	USPAT 20001031	59	Optical memory apparatus having a supporting base with an integral, fixed optical part mounting portion	369/75.1	Saitou, Hidenori , et al.
0	US 6078436 A	USPAT 20000620	22	Mechanism correcting a trembling of focused image	359/694	Hirunuma, Ken , et al.
0	US RE36730 E	USPAT 20000613	50	Projection exposure apparatus having an off-axis alignment system and method of alignment therefor	250/548	Nishi, Kenji
0	US 6072569 A	USPAT 20000606	19	Apparatus and a method for measurement of wedge in optical components	356/124	Bowen, John P.
0	US 6069752 A	USPAT 20000530	20	Replaceable laser and modulator unit	359/822	Harrigan, Michael E. , et al.
0	US 6044705 A	USPAT 20000404	28	Micromachined members coupled for relative rotation by torsion bars	73/504.02	Neukermans, Armand P. , et al.
0	US 6042249 A	USPAT 20000328	124	Illuminator optical assembly for an analytical instrument and methods of alignment and manufacture	362/259	Spangenberg, Peter
0	US 6037006 A	USPAT 20000314	11	Method and fixture for laser bar facet coating	427/294	Chakrabarti, Utpal Kumar , et al.
0	US 6018509 A	USPAT 20000125	30	Connector apparatus for electrically connecting an optical component drive device to an external electrical circuit	369/244	Itoh, Hirokazu , et al.
0	US 6016230 A	USPAT 20000118	8	Optical mount with a locking adjustment screw	359/819	Nunnally, M. A. , et al.
0	US 6016299 A	USPAT 20000118	27	Disk loading mechanism for disk reproducing apparatus	369/75.2	Ishige, Kiyoshi
0	US 6007413 A	USPAT 19991228	17	Apparatus and method for midspan access of encapsulated optical fibers	451/312	Fitz, Jonathan G.
0	US 6002660 A	USPAT 19991214	23	Information recording/reproducing apparatus wherein single-sided and double-sided cartridges can be inserted and having wrong insertion preventing mechanism	369/77.2	Ikegame, Tetsuo
0	US 5996375 A	USPAT 19991207	28	Method of making an optical waveguide grating with two dissimilar irradiating steps	65/392	Nakai, Michihiro , et al.
0	US 5986278 A	USPAT 19991116	34	Filmless photon imaging apparatus	250/580	Becker, Charles D. , et al.
0	US 5978324 A	USPAT 19991102	85	Disc recording/reproducing unit elastically supported on a main body of the apparatus including a lock mechanism for the elastic support device	369/37	Inatani, Akihisa , et al.
0	US 5969798 A	USPAT 19991019	71	Image inspection apparatus in plate making process and image inspection method in plate making process	355/52	Nakagawa, Seiji , et al.
0	US 5970035 A	USPAT 19991019	47	Disc device that controls the incident angle of a light beam striking a disc	369/53.2	Ohmori, Kiyoshi , et al.

0	US 5959951 A	USPAT 19990928	83	Recording and/or reproducing apparatus for disc-shaped recording medium	Inatani, Akihisa , et al.
0	US 5953164 A	USPAT 19990914	9	Wide range cylindrical mirror mount with radial clamp	
	359/818 Arnone, David F. , et al.				
0	US 5953293 A	USPAT 19990914	29	Recording and/or reproducing apparatus for disk-like recording medium	Kajiyama, Yoshihiro , et al.
0	US 5942751 A	USPAT 19990824	9	Optical shutter encoder system for repetitive device state condition detection	250/231.1 Solis, Ernesto , et al.
0	US 5930895 A	USPAT 19990803	59	Process for producing an ink jet recording head	
	29/890.1 Orikasa, Tsuyoshi , et al.				
0	US 5930057 A	USPAT 19990727	15	Precision optical mounts	359/822 Sechrist, Paul F. , et al.
0	US 5911830 A	USPAT 19990615	13	Method and fixture for laser bar facet coating	
	118/503 Chakrabarti, Utpal Kumar , et al.				
0	US 5898652 A	USPAT 19990427	19	Support structure for an optical pickup	
	369/44.16 Makigaki, Tomohiro , et al.				
0	US 5877732 A	USPAT 19990302	18	Three-dimensional high resolution MRI video and audio system and method	345/8 Ziarati, Mokhtar
0	US 5872765 A	USPAT 19990216	96	Disc loading device	369/178 Osada, Yasuo
0	US 5864525 A	USPAT 19990126	103	Optical disk device	369/44.23
	Takeshita, Nobuo , et al.				
0	US 5859832 A	USPAT 19990112	100	Recording and/or reproducing apparatus with disc stocker and transport	369/178 Osada, Yasuo
0	US 5859827 A	USPAT 19990112	96	Movement apparatus and recording/reproducing apparatus	
	369/75.2 Osada, Yasuo				
0	US 5855773 A	USPAT 19990105	12	Centrifuge bowl housing and latch for blood separation apparatus	
	210/146 Lasota, Jacek				
0	US 5847885 A	USPAT 19981208	10	Wide range cylindrical mirror mount with radial clamp	
	359/818 Arnone, David F. , et al.				
0	US 5846395 A	USPAT 19981208	55	Automatic electrophoresis method and apparatus	
	204/461 Sarrine, Robert J. , et al.				
0	US 5828633 A	USPAT 19981027	84	Disc recording and/or reproducing changer with disc transporting mechanism and disc detector	369/37 Inatani, Akihisa , et al.
0	US 5820898 A	USPAT 19981013	12	Metal mold apparatus for molding an optical disk	
	425/542 Yasuda, Katsuyuki				
0	US 5818637 A	USPAT 19981006	25	Computerized video microscopy system	359/381 Hoover, Rex A. , et al.
0	US 5802021 A	USPAT 19980901	58	Disc recording and/or reproducing apparatus and disc recording media exchange apparatus	369/34 Mukaida, Kumio
0	US 5790908 A	USPAT 19980804	16	Diopter control apparatus in a zoom camera	396/379 Matsuda, Norimichi
0	US 5790510 A	USPAT 19980804	27	Optical component drive device including nonparallel elastic plates	369/244 Itoh, Hirokazu , et al.
0	US 5784347 A	USPAT 19980721	22	Optical disk device having optical phase compensator	
	369/53.33 Miyamoto, Harukazu , et al.				
0	US 5768241 A	USPAT 19980616	108	Shutter operating mechanism for magneto-optical disk drive	
	369/77.2 Kanazawa, Hiroshi , et al.				
0	US 5757740 A	USPAT 19980526	168	Recording and/or reproducing apparatus using cartridges within which recording media are accommodated and loading device for cartridge	369/36 Osada, Yasuo
0	US 5757561 A	USPAT 19980526	15	Precision optical mounts	359/822 Sechrist, Paul F. , et al.
0	US 5757157 A	USPAT 19980526	13	Sensor mount apparatus	318/560 Falk, Joseph S. , et al.
0	US 5732058 A	USPAT 19980324	64	Optical disk cartridge and an optical disk drive using the same	
	369/75.2 Iwamura, Yasumasa , et al.				
0	US 5717681 A	USPAT 19980210	101	Movement apparatus and recording/reproducing apparatus	
	369/178 Osada, Yasuo				
0	US 5694257 A	USPAT 19971202	17	Rotary beamsplitter prism mount	359/822 Arnone, David F. , et al.
0	US 5687145 A	USPAT 19971111	35	Disc loading apparatus for disc recording and/or reproducing apparatus having arrangement which lowers disc onto disc setting surface as it is extracted from array	369/38 Takashina, Takeyoshi , et al.

0	US 5687032 A	USPAT 19971111	103	Optical device inclination angle adjuster	359/822
	Takeshita, Nobuo , et al.				
0	US 5687007 A	USPAT 19971111	40	Image reading device including prevention of thermally	
induced component	dislocation	358/474	Yamazaki, Yoshihiro , et al.		
0	US 5673348 A	USPAT 19970930	4	Apparatus for adjustment, attenuating device, coupling device	
and filtering device		385/90	Ziegler, Jochen , et al.		
0	US 5657539 A	USPAT 19970819	64	Process for producing an ink jet recording head	
	29/890.1	Orikasa, Tsuyoshi , et al.			
0	US 5644558 A	USPAT 19970701	86	Recording and/or reproducing apparatus for disc-shaped	
recording medium		369/30	Inatani, Akihisa , et al.		
0	US 5644554 A	USPAT 19970701	14	Magnetic head load/unload device, method and a magneto-	
optical disk	apparatus using the same	369/13	Harada, Kunio , et al.		
0	US 5623457 A	USPAT 19970422	44	Photomagnetic disc drive system having a locking mechanism	
	369/13	Seto, Hidekazu , et al.			
0	US 5617183 A	USPAT 19970401	22	Photometric system structure	355/71 Saito,
Kimitoshi , et al.					
0	US 5604631 A	USPAT 19970218	19	Sliding binocular body	359/412 Gelardi, John A. ,
et al.					
0	US 5583279 A	USPAT 19961210	54	Method for calibrating a piston and cylinder type applicator	
	73/1.02	Sarrine, Robert J. , et al.			
0	US 5561658 A	USPAT 19961001	14	Friction drive for a disc player	369/263
		Nakamichi, Niro , et al.			
0	US 5533316 A	USPAT 19960709	15	Apparatus for compressing and positioning the sealing	
components of an	open head drum	53/137.2	Hornsby, Gary L.		
0	US 5532987 A	USPAT 19960702	104	Focus error detecting device	369/44.24
		Fujita, Teruo , et al.			
0	US 5530547 A	USPAT 19960625	13	Method and apparatus for aligning optical elements and	
testing aspheric	optical components	356/458	Arnold, Steven M.		
0	US 5516402 A	USPAT 19960514	53	Automatic electrophoresis method and apparatus	
	204/461	Sarrine, Robert J. , et al.			
0	US 5493556 A	USPAT 19960220	27	Multi-disk player/recorder with biased locking means for disk	
cassettes		369/191	Aoki, Shinichi , et al.		
0	US 5484374 A	USPAT 19960116	38	Method and apparatus for attaching a spout to a container	
	493/87	Bachner, Jerry G. , et al.			
0	US 5460709 A	USPAT 19951024	54	Automatic electrophoresis method and apparatus	
	204/607	Sarrine, Robert J. , et al.			
0	US 5453962 A	USPAT 19950926	104	Focus error detecting device	369/44.23
		Fujita, Teruo , et al.			
0	US 5412497 A	USPAT 19950502	14	Optical communication device with optical modules and	
optical fiber	supporting plates	359/163	Kaetsu, Mitsuo , et al.		
0	US 5406405 A	USPAT 19950411	5	Rotating kinematic optic mount	359/223 Sullivan,
Mark T.					
0	US 5380095 A	USPAT 19950110	16	Bearing arrangement having magnetic attraction between	
sliders and	clearance mechanism	384/8	Pryor, Paul L.		
0	US 5349510 A	USPAT 19940920	10	Spring latching mechanism for light fixture	362/374
		Jordan, David L. , et al.			
0	US 5343447 A	USPAT 19940830	21	Self-cooling optomagnetic disk device with locking internal	
mechanism		369/13	Okabe, Satoshi , et al.		
0	US 5339733 A	USPAT 19940823	10	Apparatus for sensing mail piece surface contour	
	101/91	Malin, Richard A.			
0	US 5335570 A	USPAT 19940809	14	Automatic pipe cutting device	82/48 Ro,
Jong-Ho					
0	US 5326347 A	USPAT 19940705	20	Intraocular implants	623/6.38 Cumming, J.
Stuart					
0	US 5318419 A	USPAT 19940607	17	Aligning jig for loose wires	425/123 Tanabe,
Akio					
0	US 5292218 A	USPAT 19940308	21	Apparatus for transferring a motor vehicle and multistory	
parking lot		414/256	Ikenouchi, Terumasa , et al.		
0	US 5259584 A	USPAT 19931109	6	Camera mount for taking panoramic pictures having an	
electronic	protractor	248/542	Wainwright, Andrew G.		
0	US 5253834 A	USPAT 19931019	8	Alignment fixture for unobstructed pivot point	
	248/179.1	Sullivan, Edward V. , et al.			

0	US 5250262 A	USPAT 19931005	217	Chemical analyzer	422/64	Heidt, Thomas ,
et al.						
0	US 5246298 A	USPAT 19930921	24	Ink ribbon cartridge and installation methods relating thereto		
	400/208 Sugiura, Ikuzo , et al.					
0	US 5237399 A	USPAT 19930817	27	Liquid crystal color projection apparatus for modifying and		
projecting	display images obtained from liquid crystal panels			348/761 Inada, Tomohide , et al.		
0	US 5206845 A	USPAT 19930427	11	Modular data storage and retrieval system	369/34	
	Baxter, C. Graham , et al.					
0	US 5194988 A	USPAT 19930316	15	Device for correcting perspective distortions	359/554	
	Flother, Werner , et al.					
0	US 5181190 A	USPAT 19930119	31	Analog electronic timepiece	368/76	Kanzaki,
Takashi						
0	US 5168145 A	USPAT 19921201	7	Plastic fiber optic terminator	219/243	Tackett,
Timothy N. , et al.						
0	US 5152355 A	USPAT 19921006	8	Optical scanner weigh plate mounting apparatus		
	177/128 Copus, Charles R.					
0	US 5089081 A	USPAT 19920218	11	Adjustable pad assembly	156/556	Bedzyk, Mark D.
0	US 5075539 A	USPAT 19911224	30	Method and apparatus for adjusting the position of image		
reading	equipment	250/208.1	Shiraishi, Ryuichi			
0	US 5067116 A	USPAT 19911119	20	Automatic disc changer apparatus	369/37	
	Kadrmass, Kenneth A.					
0	US 5065677 A	USPAT 19911119	19	Printing plate mounting and proofing apparatus		
	101/415.1 Leader, Jr., Charles B.					
0	US 5044728 A	USPAT 19910903	7	Device for correcting perspective distortions	359/813	
	Flother, Werner					
0	US 5035482 A	USPAT 19910730	17	Optical switch	385/16	ten Berge, Eduardus F. A.
, et al.						
0	US 5022032 A	USPAT 19910604	7	Phased coupled waveguide laser	372/18	Chien,
Kuei-Ru , et al.						
0	US 5017056 A	USPAT 19910521	7	Positioner for accurately drilling a hole in a tool ball pad		
	408/1R Morash, Dean C.					
0	US 5003401 A	USPAT 19910326	14	Apparatus for adjustment of optical axes in TV camera		
	348/374 Otsuka, Hajime					
0	US 4980880 A	USPAT 19901225	13	Method and apparatus for simultaneously reading both sides		
of an optical	storage disk	369/199	Taylor, Wilhelm			
0	US 4962999 A	USPAT 19901016	9	Optical pick-up device	359/896	Kasuga, Ikuo
0	US 4943853 A	USPAT 19900724	26	TV viewer	348/110	Morisawa, Tahei
0	US 4936655 A	USPAT 19900626	13	Alignment fixture for an optical instrument	359/896	
	Leib, Kenneth G. , et al.					
0	US 4906831 A	USPAT 19900306	10	Optical pickup drive device	250/201.5	
	Yomoda, Kenju , et al.					
0	US 4899947 A	USPAT 19900213	15	Reel for mounting record member roll		
	242/607.2 Sugiura, Ikuzo , et al.					
0	US 4864420 A	USPAT 19890905	11	Image recorder with plural exposure surfaces		
	358/302 Aiko, Yasuyuki					
0	US 4843431 A	USPAT 19890627	12	Exposure control and color correcting device		
	355/34 Horiguchi, Masashi , et al.					
0	US 4834518 A	USPAT 19890530	13	Instrument for visual observation utilizing fiber optics		
	359/375 Barber, Forest C.					
0	US 4805993 A	USPAT 19890221	10	Method of assembling optical components and arrangement		
therefor	359/896 Blumentritt, Martin , et al.					
0	US 4754576 A	USPAT 19880705	5	Optical fibre grinder	451/6	Liddell, William
J. , et al.						
0	US 4740815 A	USPAT 19880426	7	Apparatus for compensating for irregularities of illumination		
for a	copier	399/207	Tsuruoka, Ichiro			
0	US 4721972 A	USPAT 19880126	18	Camera having a photo-taking lens barrel movable in the		
direction of the	optic axis	396/349	Wakabayashi, Hiroshi			
0	US 4709979 A	USPAT 19871201	7	System for the connection of photodetectors to optical fibers		
	385/91 Spodati, Fabrizio , et al.					
0	US 4697901 A	USPAT 19871006	17	Parallax correcting device in the finder of a camera		
	396/377 Wakabayashi, Hiroshi , et al.					
0	US 4664484 A	USPAT 19870512	11	Variable light attenuator	359/488	Hines, Stephen P.

0	US 4659901 A	USPAT 19870421	20	Particulate collection system for laser welding apparatus	
	219/121.63 Rieben, Stuart L.				
0	US 4634261 A	USPAT 19870106	11	Optical system for reproducing apparatus	399/212
	Nagoshi, Mitsuru				
0	US 4615097 A	USPAT 19861007	14	Apparatus for precise positioning of optical components	
	29/466 Genequand, Pierre				
0	US 4594868 A	USPAT 19860617	28	System and plate bending machine for registering in an offset	
printing press	72/18.1 Takeuchi, Hideo , et al.				
0	US 4557594 A	USPAT 19851210	9	Magnification varying device for copying machine	
	355/58 Negoro, Ikuo				
0	US 4489652 A	USPAT 19841225	28	Method, system, and plate bending machine for registering in	
an offset printing press	101/211 Takeuchi, Hideo , et al.				
0	US 4456783 A	USPAT 19840626	19	Multielement optical panel	136/246 Baker, James G.
0	US 4351603 A	USPAT 19820928	11	Electronic copying apparatus	399/148 Tagawa,
Kazuaki					
0	US 4259008 A	USPAT 19810331	52	Electrostatic copying apparatus	355/29
	Yamagata, Ryutaro , et al.				
0	US 4095894 A	USPAT 19780620	10	Microform card holder for microprinter	355/75
	Holliday, Robert George				
0	US 4036430 A	USPAT 19770719	16	Manually operable card reader	235/454 Eppich,
Helmut					
0	US 4036419 A	USPAT 19770719	10	Severing apparatus	225/96.5Hensel, Paul
Christopher , et al.					
0	US 4025175 A	USPAT 19770524	7	Machine for reading image carriers	353/23
	Leibundgut, Max , et al.				
0	US RE29179 E	USPAT 19770412	10	Reproduction apparatus incorporating alternate redevelopment	
and reimagining cycles for multiple copies	399/160 Davidge, Ronald V. , et al.				
0	US 4006555 A	USPAT 19770208	14	Doll with incrementally movable arm	446/219
	England, Donald E. , et al.				
0	US 3989933 A	USPAT 19761102	13	Connection device for connecting a stereocomparator to an	
electronic computer designed to set up an analytic photogrammetric	plotting unit				382/154 Inghilleri, Giuseppe
0	US 3959804 A	USPAT 19760525	7	Stereoscopic camera	396/328 Rochwite, Seton
I.					
0	US 3903615 A	USPAT 19750909	7	Visual display apparatus	434/42 Dotsko, Martin
0	US 3816002 A	USPAT 19740611	9	APPARATUS FOR MEASURING DISPLACEMENT	
BETWEEN TWO RELATIVELY MOVABLE MEMBERS	356/395 Wieg, Heinrich J.				
0	US 3809468 A	USPAT 19740507	8	FILM STRIP READER	353/26R Moritz, Jules G.
0	US 3736055 A	USPAT 19730529	9	REPRODUCTION APPARATUS INCORPORATING	
ALTERNATE REDEVELOPMENT AND REIMAGING CYCLES FOR MULTIPLE COPIES	399/145				
	Davidge, Ronald V. , et al.				
0	US 3733124 A	USPAT 19730515	17	TRANSFER TYPE ELECTRONIC PHOTOGRAPH	
DUPLICATOR	399/249 Tanaka, Susumu , et al.				
0	US 3705769 A	USPAT 19721212	18	OPTICAL ALIGNMENT AND CONTACT PRINTING	
SYSTEM WITH IMPROVED CHUCK ASSEMBLY	355/91 Johannsmeier, Karl-Heinz				
0	US 3650605 A	USPAT 19720321	6	INTERFEROMETRIC APPARATUS WITH CONTROLLED	
SCANNING MEANS	359/15 Little, Jr., William S.				
0	US 3650604 A	USPAT 19720321	5	INTERFEROMETRIC SCANNING APPARATUS AND	
METHOD	369/107 Little, Jr., William S.				
0	US 3612468 A	USPAT 19711012	8	HEIGHT ADJUSTING MEANS FOR A SURGICAL	
MICROSCOPE	248/405 Hoppl, Josef K. , et al.				
0	US 3601482 A	USPAT 19710824	7	AUTOMATIC FOCUSING MECHANISM FOR A LAP	
DISSOLVE PROJECTOR	353/101 Harvey, Donald M.				
0	US 3577791 A	USPAT 19710504	8	CONTROL SYSTEM	74/89.23 Vanden Broek,
Jan Abraham					

0	1	US 5930057 A	USPAT 19990727	15	Precision optical mounts	359/822 Sechrist,
Paul F. , et al.						
0	0	US 5988818 A	USPAT 19991123	67	Projection type liquid crystal projector	
353/119 Fujimori, Motoyuki , et al.						
0	0	US 5973842 A	USPAT 19991026	122	Method and apparatus for an optical illuminator	
assembly and its alignment 359/619 Spangenberg, Peter E.						
0	0	US 5953681 A	USPAT 19990914	124	Autonomous node for a test instrument system .	
having a distributed logic nodal architecture 702/31 Cantatore, Luigi , et al.						
0	0	US 5757561 A	USPAT 19980526	15	Precision optical mounts	359/822 Sechrist,
Paul F. , et al.						
0	0	US 5745308 A	USPAT 19980428	122	Methods and apparatus for an optical illuminator	
assembly and its alignment 359/818 Spangenberg, Peter E.						
0	0	US 5406405 A	USPAT 19950411	5	Rotating kinematic optic mount	359/223
Sullivan, Mark T.						
0	0	US 5193456 A	USPAT 19930316	23	Apparatus for decorating beverage cans using a	
flexographic process 101/40 Wolfe, Court L. , et al.						
0	0	US 5017056 A	USPAT 19910521	7	Positioner for accurately drilling a hole in a tool ball	
pad 408/1R Morash, Dean C.						
0	0	US 4909431 A	USPAT 19900320	11	Method and apparatus for preparing a bonding wire	
228/103 Japichino, Emanuele , et al.						
0	0	US 4712444 A	USPAT 19871215	7	Levered optical mount	74/490.13
Lewis, Lindon L.						
0	0	US 4247809 A	USPAT 19810127	13	Electrical levelling system for laser beam	
318/630 Nessel, Jiri M.						

BRS	L1	1	5930057.pn.	USPAT
BRS	L2	1	1 and bush\$4	USPAT
BRS	L3	17682	optic\$4 near2 (mount\$4 or hold\$4)	USPAT
BRS	L4	0	3 and (fist near2 plate)	USPAT
BRS	L5	997	3 and (first near2 plate)	USPAT
BRS	L6	649	5 and (second near2 plate)	USPAT
BRS	L7	45	6 and bush\$4	USPAT
BRS	L8	168	3 and (first adj plate)	USPAT
BRS	L9	137	8 and (second adj plate)	USPAT
BRS	L10	12	9 and bush\$4	USPAT

IS&R	L1	903	((("359/818") or ("359/819") or ("359/820"))).CCLS.	USPAT
IS&R	L2	421	((("359/822") or ("359/821"))).CCLS.	USPAT
IS&R	L3	91	("359/830").CCLS.	USPAT
IS&R	L1	903	((("359/818") or ("359/819") or ("359/820"))).CCLS.	USPAT
IS&R	L2	421	((("359/822") or ("359/821"))).CCLS.	USPAT
IS&R	L3	91	("359/830").CCLS.	USPAT
BRS	L4	22224	optical near2 (hold\$5 or mount\$5)	USPAT; EPO; JPO
BRS	L5	907	4 and (first near2 plate)	USPAT; EPO; JPO
BRS	L6	591	5 and (second near2 plate)	USPAT; EPO; JPO
BRS	L7	319	6 and hole	USPAT; EPO; JPO
BRS	L8	210	7 and screw	USPAT; EPO; JPO
BRS	L9	158	8 and (lens or prism or (optical near2 element))	USPAT; EPO; JPO

0	US 3897139 A	USPAT 19750729	8	Adjustable mounting apparatus	359/873 Caruolo, Antonio B. , et al.
0	US 5530547 A	USPAT 19960625	13	Method and apparatus for aligning optical elements and testing aspheric optical components	356/458 Arnold, Steven M.
0	US 5847885 A	USPAT 19981208	10	Wide range cylindrical mirror mount with radial clamp	359/818 Arnone, David F. , et al.
0	US 5930057 A	USPAT 19990727	15	Precision optical mounts	359/822 Sechrist, Paul F. , et al.
0	US 5953164 A	USPAT 19990914	9	Wide range cylindrical mirror mount with radial clamp	359/818 Arnone, David F. , et al.
0	US 6016230 A	USPAT 20000118	8	Optical mount with a locking adjustment screw	359/819 Nunnally, M. A. , et al.
0	US 3612468 A	USPAT 19711012	8	HEIGHT ADJUSTING MEANS FOR A SURGICAL MICROSCOPE	248/405 Hoppl, Josef K. , et al.
0	US 3623805 A	USPAT 19711130	44	DRIVE MECHANISM FOR IMAGING APPARATUS	399/131 Egnaczak, Raymond K. , et al.
0	US 3700313 A	USPAT 19721024	5	COAXIALLY ADJUSTED OPTICAL MOUNT	359/873 Karr, Lawrence J. , et al.
0	US 3704946 A	USPAT 19721205	21	MICROCIRCUIT ART GENERATING MEANS	355/46 Brault, Andre R. , et al.
0	US 3705769 A	USPAT 19721212	18	OPTICAL ALIGNMENT AND CONTACT PRINTING SYSTEM WITH IMPROVED CHUCK ASSEMBLY	355/91 Johansmeier, Karl-Heinz
0	US 3816002 A	USPAT 19740611	9	APPARATUS FOR MEASURING DISPLACEMENT BETWEEN TWO RELATIVELY MOVABLE MEMBERS	356/395 Wieg, Heinrich J.
0	US 3953123 A	USPAT 19760427	37	Transport apparatus for an automatic micro-image viewer printer machine	355/45 Jesensky, Alexander , et al.
0	US 3959612 A	USPAT 19760525	8	Rotary switch assembly particularly adapted for use with fiber optic light sources	200/11R Feinbloom, Richard E.
0	US 4036430 A	USPAT 19770719	16	Manually operable card reader	235/454 Eppich, Helmut
0	US 4037239 A	USPAT 19770719	12	Microfilm camera and photographic film handling apparatus with an actuatable film clamping device	396/441 Jamieson, John , et al.
0	US 4046667 A	USPAT 19770906	10	Microelectrophoresis apparatus	204/645 Goetz, Philip J.
0	US 4149798 A	USPAT 19790417	13	Electrophotographic apparatus and method for producing printing masters	347/135 McGowan, Norman L. , et al.
0	US 4247809 A	USPAT 19810127	13	Electrical levelling system for laser beam	318/630 Nessel, Jiri M.
0	US 4322166 A	USPAT 19820330	15	Monochromator	356/334 deMey, II, Charles F.
0	US 4363536 A	USPAT 19821214	7	Instrument base for optical devices	351/245 Thaer, Andreas , et al.
0	US 4385023 A	USPAT 19830524	16	Method of making a lens barrel assembly	264/221 Sumi, Akiyasu
0	US 4466102 A	USPAT 19840814	12	Modular dye laser	372/53 Woste, Ludger H.
0	US 4489652 A	USPAT 19841225	28	Method, system, and plate bending machine for registering in an offset printing press	101/211 Takeuchi, Hideo , et al.
0	US 4501949 A	USPAT 19850226	50	Movable machining chamber with rotatable work piece fixture	219/121.63 Antol, Ronald F. , et al.

0	US 4522365 A	USPAT 19850611	6	Dual-axis positioning apparatus adjusting the angular position	
of an	optical element	248/466 Tabares, Gilbert			
0	US 4524384 A	USPAT 19850618	13	Video and audio security system	348/156
	Lefkowitz, Stephen , et al.				
0	US 4557594 A	USPAT 19851210	9	Magnification varying device for copying machine	
	355/58 Negoro, Ikuo				
0	US 4568143 A	USPAT 19860204	12	Optical fiber crossover switching apparatus	385/21
	Yamada, Akira , et al.				
0	US 4594868 A	USPAT 19860617	28	System and plate bending machine for registering in an offset	
printing	press	72/18.1 Takeuchi, Hideo , et al.			
0	US 4632547 A	USPAT 19861230	19	Autocollimating alignment telescope	356/247
	Kaplan, Irwin , et al.				
0	US 4634261 A	USPAT 19870106	11	Optical system for reproducing apparatus	399/212
	Nagoshi, Mitsuru				
0	US 4647764 A	USPAT 19870303	45	Rotational and focusing apparatus for turret mounted lenses	
	250/216 Chadwick, Curt H. , et al.				
0	US 4652095 A	USPAT 19870324	4	Optical component positioning stage	359/393
	Mauro, George				
0	US 4656590 A	USPAT 19870407	10	Method and apparatus for making patterns for eyeglasses	
	700/164 Ace, Ronald				
0	US 4691586 A	USPAT 19870908	16	Fine-adjusting device for accurate positioning an adjusting	
element	74/490.09	van Leijenhorst, Harro M. , et al.			
0	US 4712444 A	USPAT 19871215	7	Levered optical mount	74/490.13 Lewis,
Lindon L.					
0	US 4721972 A	USPAT 19880126	18	Camera having a photo-taking lens barrel movable in the	
direction of the	optic axis	396/349 Wakabayashi, Hiroshi			
0	US 4728993 A	USPAT 19880301	12	Illumination system in a projection copier	355/70
	Hilgers, Horst				
0	US 4786143 A	USPAT 19881122	7	Device for orienting an optical component	359/896
	Vial, Jean-Claude , et al.				
0	US 4832452 A	USPAT 19890523	7	Device for setting the angular position of optical elements	
	359/813 Eisler, Gyula				
0	US 4834518 A	USPAT 19890530	13	Instrument for visual observation utilizing fiber optics	
	359/375 Barber, Forest C.				
0	US 4859847 A	USPAT 19890822	6	Photo detector adjustment device	250/239
	Matsuno, Takeshi , et al.				
0	US 4943853 A	USPAT 19900724	26	TV viewer	348/110 Morisawa, Tahei
0	US 4945238 A	USPAT 19900731	10	Apparatus for loading sheet-shaped material	250/589
	Muraishi, Katsuaki				
0	US 4958900 A	USPAT 19900925	10	Multi-fiber holder for output coupler and methods using same	
	385/33 Ortiz, Jr., Angel L.				
0	US 4962999 A	USPAT 19901016	9	Optical pick-up device	359/896 Kasuga, Ikuo
0	US 4968122 A	USPAT 19901106	7	Galvanometer gimbal mount	359/566 Hlousek,
Louis , et al.					
0	US 4972258 A	USPAT 19901120	67	Scanning laser microscope system and methods of use	
	348/79 Wolf, William E. , et al.				
0	US 4980880 A	USPAT 19901225	13	Method and apparatus for simultaneously reading both sides	
of an optical	storage disk	369/199 Taylor, Wilhelm			
0	US 4986634 A	USPAT 19910122	13	Beam-combining laser beam source device	359/618
	Horikawa, Kazuo , et al.				
0	US 4998284 A	USPAT 19910305	44	Dual color camera microscope and methodology for cell	
staining and	analysis	382/133 Bacus, James W. , et al.			
0	US 5003401 A	USPAT 19910326	14	Apparatus for adjustment of optical axes in TV camera	
	348/374 Otsuka, Hajime				
0	US 5061039 A	USPAT 19911029	10	Dual axis translation apparatus and system for translating an	
optical	beam and related method	359/894 Cassidy, Kelly			
0	US 5075539 A	USPAT 19911224	30	Method and apparatus for adjusting the position of image	
reading	equipment	250/208.1 Shiraishi, Ryuichi			
0	US 5075980 A	USPAT 19911231	15	Method and apparatus for determining alignment of web offset	
printing	press components	33/618 Kerman, Mark			
0	US 5089081 A	USPAT 19920218	11	Adjustable pad assembly	156/556 Bedzyk, Mark D.

0	US 5090650 A	USPAT 19920225	6	Mounting bracket arrangement for aligning optical system components	
	248/278.1	Donaldson, Robert D., et al.			
0	US 5094533 A	USPAT 19920310	45	Optoelectrical particle detection apparatus	356/338
	Sawada, Shigetomo, et al.				
0	US 5116004 A	USPAT 19920526	6	Vertically adjustable mounting post for optical element	
	248/161 Luecke, Francis S.				
0	US 5125983 A	USPAT 19920630	23	Generating electric power from solar radiation	
	136/246 Cummings, Richard D.				
0	US 5140470 A	USPAT 19920818	9	Optical mounting apparatus	359/818 Luecke, Francis S.
0	US 5155783 A	USPAT 19921013	7	Installation of an optical component in an optical device	
	385/88 Suwashita, Masakuni				
0	US 5159927 A	USPAT 19921103	12	Visual prosthesis apparatus and method	607/53
	Schmid, Ferdinand				
0	US 5223970 A	USPAT 19930629	18	Optical axis adjusting mechanism and method for optical information recording and reproducing device, and jig therefor	359/223 Oono, Masahiro, et al.
0	US 5237399 A	USPAT 19930817	27	Liquid crystal color projection apparatus for modifying and projecting display images obtained from liquid crystal panels	348/761 Inada, Tomohide, et al.
0	US 5250262 A	USPAT 19931005	217	Chemical analyzer	422/64 Heidt, Thomas, et al.
0	US 5255115 A	USPAT 19931019	14	Optical scanning apparatus and recording apparatus using the same	359/209 Kikuchi, Kazuo
0	US 5259584 A	USPAT 19931109	6	Camera mount for taking panoramic pictures having an electronic protractor	248/542 Wainwright, Andrew G.
0	US 5280553 A	USPAT 19940118	8	Installation of an optical component in an optical device	
	385/88 Suwashita, Masakuni				
0	US 5318419 A	USPAT 19940607	17	Aligning jig for loose wires	425/123 Tanabe, Akio
0	US 5326347 A	USPAT 19940705	20	Intraocular implants	623/6.38 ;
	Cumming, J. Stuart				
0	US 5331459 A	USPAT 19940719	15	Night vision system and mounting assembly	359/409
	Dor, Amotz				
0	US 5361244 A	USPAT 19941101	37	Optical head and information recording apparatus	
	369/44.23 Nakamura, Shigeru, et al.				
0	US 5380095 A	USPAT 19950110	16	Bearing arrangement having magnetic attraction between sliders and clearance mechanism	384/8 ; Pryor, Paul L.
0	US 5381273 A	USPAT 19950110	44	Object lens holder, method for preparation of the object lens holder and object lens driving device employing object lens holder	359/827 Goda, Yoshimasa
0	US 5420721 A	USPAT 19950530	17	Lens barrel	359/697 Kanno, Hideo, et al.
0	US 5453962 A	USPAT 19950926	104	Focus error detecting device	369/44.23
	Fujita, Teruo, et al.				
0	US 5465126 A	USPAT 19951107	9	Focusing lens holding mechanism used in optical system	
	353/101 Fukuda, Hideo				
0	US 5475453 A	USPAT 19951212	19	Manually-operated tray assembly for dispensing and receiving overhead projector transparencies	353/103 MacCarthy, Patrick
0	US 5500790 A	USPAT 19960319	34	Device for confirming optical-axis adjustment of automotive headlamp	362/462 Chikada, Akira, et al.
0	US 5502704 A	USPAT 19960326	34	Disc recording and/or reproducing apparatus	369/77.2
	Ohmori, Kiyoshi				
0	US 5507082 A	USPAT 19960416	43	Method of manufacturing an object lens holder	
	29/407.1 Goda, Yoshimasa				
0	US 5511049 A	USPAT 19960423	43	Object lens holder, method for preparation of the object lens holder and object lens driving device employing object lens holder	369/44.15 Goda, Yoshimasa
0	US 5532987 A	USPAT 19960702	104	Focus error detecting device	369/44.24
	Fujita, Teruo, et al.				
0	US 5553615 A	USPAT 19960910	54	Method and apparatus for noninvasive prediction of hematocrit	600/324 Carim, Hatim M., et al.
0	US 5555623 A	USPAT 19960917	43	Method formaking and producing object lens holder	
	29/896.9 Goda, Yoshimasa				
0	US 5570159 A	USPAT 19961029	23	Method for assembling structural frame members of an image forming apparatus	399/107 Hirose, Shinji, et al.
0	US 5587845 A	USPAT 19961224	43	Object lens holder	359/819 Goda, Yoshimasa

0	US 5859832 A	USPAT 19990112	100	Recording and/or reproducing apparatus with disc stocker and transport	
0	US 5864525 A	USPAT 19990126	103	Optical disk device	369/44.23
	Takeshita, Nobuo , et al.				
0	US 5865521 A	USPAT 19990202	27	Projection-type display apparatus	353/38
	Hashizume, Toshiaki , et al.				
0	US 5872765 A	USPAT 19990216	96	Disc loading device	369/178 Osada, Yasuo
0	US 5880772 A	USPAT 19990309	12	Machine vision image data acquisition system	
	348/87 Kalnajs, Andrejs K. , et al.				
0	US 5894493 A	USPAT 19990413	21	Free-space gas slab laser	372/83 Sukhman, Yefim P. , et al.
0	US 5898652 A	USPAT 19990427	19	Support structure for an optical pickup	
	369/44.16 Makigaki, Tomohiro , et al.				
0	US 5902231 A	USPAT 19990511	31	Devices and methods for percutaneous surgery	
	600/114 Foley, Kevin Thomas , et al.				
0	US 5912734 A	USPAT 19990615	16	Raman gas analysis system with ball and socket assembly for precision optical alignment	356/301 Beck, Kent F. , et al.
0	US 5911498 A	USPAT 19990615	15	Luminaire	362/217 Shemitz, Sylvan R. , et al.
0	US 5933238 A	USPAT 19990803	10	Optical current measurement device and method of manufacturing it	356/364 Ikuta, Sakae , et al.
0	US 5930895 A	USPAT 19990803	59	Process for producing an ink jet recording head	
	29/890.1 Orikasa, Tsuyoshi , et al.				
0	US 5953681 A	USPAT 19990914	124	Autonomous node for a test instrument system having a distributed logic nodal architecture	702/31 Cantatore, Luigi , et al.
0	US 5953293 A	USPAT 19990914	29	Recording and/or reproducing apparatus for disk-like recording medium	369/37 Kajiyama, Yoshihiro , et al.
0	US 5959951 A	USPAT 19990928	83	Recording and/or reproducing apparatus for disc-shaped recording medium	369/37 Inatani, Akihisa , et al.
0	US 5970035 A	USPAT 19991019	47	Disc device that controls the incident angle of a light beam striking a disc	369/54 Ohmori, Kiyoshi , et al.
0	US 5973842 A	USPAT 19991026	122	Method and apparatus for an optical illuminator assembly and its alignment	359/619 Spangenberg, Peter E.
0	US 5978324 A	USPAT 19991102	85	Disc recording/reproducing unit elastically supported on a main body of the apparatus including a lock mechanism for the elastic support device	369/37 Inatani, Akihisa , et al.
0	US 5982803 A	USPAT 19991109	20	Free-space gas slab laser	372/87 Sukhman, Yefim P. , et al.
0	US 5986278 A	USPAT 19991116	34	Filmless photon imaging apparatus	250/580 Becker, Charles D. , et al.
0	US 5988818 A	USPAT 19991123	67	Projection type liquid crystal projector	353/119 Fujimori, Motoyuki , et al.
0	US 6002658 A	USPAT 19991214	19	Disc drive	369/75.1 Aso, Hiroshi , et al.
0	US 6000802 A	USPAT 19991214	27	Projection-type display apparatus	353/38 Hashizume, Toshiaki , et al.
0	US 6016299 A	USPAT 20000118	27	Disk loading mechanism for disk reproducing apparatus	
	369/75.2 Ishige, Kiyoshi				
0	US 6027671 A	USPAT 20000222	19	Method for producing a microstructured body, a casting frame, and an integrated optical component	264/1.24 Kragl, Hans
0	US 6042249 A	USPAT 20000328	124	Illuminator optical assembly for an analytical instrument and methods of alignment and manufacture	362/259 Spangenberg, Peter
0	US 6058081 A	USPAT 20000502	535	Optical drive system having servomotor operated relative to maximum quad sum signal	369/44.27 Schell, David L. , et al.
0	US 6078436 A	USPAT 20000620	22	Mechanism correcting a trembling of focused image	
	359/694 Hirunuma, Ken , et al.				
0	US 6093962 A	USPAT 20000725	13	High frequency shielding case of semiconductor laser	
	257/728 Ikegame, Tetsuo				
0	US 6097744 A	USPAT 20000801	60	Cooling device of a planar light source	372/34 Takigawa, Hiroshi , et al.
0	US RE36886 E	USPAT 20001003	31	Fiber optic module	385/92 Ishibashi, Shin , et al.
0	US 6139154 A	USPAT 20001031	16	Projector	353/31 Haba, Shinji
0	US 6141034 A	USPAT 20001031	128	Immersive imaging method and apparatus	348/36 McCutchen, David

0	US 6141309 A	USPAT 20001031	58	Optical memory apparatus having a supporting base with an	
	integral, fixed optical part mounting portion		369/75.1	Saitou, Hidenori , et al.	
0	US 6142634 A	USPAT 20001107	29	Projector	353/38 Ogawa, Yasunori , et al.
0	US 6144629 A	USPAT 20001107	22	Disc cartridge loading apparatus	369/77.2Kurita,
	Kazuhito , et al.				
0	US 6147343 A	USPAT 20001114	17	Photoelectric imaging method and apparatus	250/234
	Christensen, Michael L.				
0	US 6152871 A	USPAT 20001128	41	Apparatus for percutaneous surgery	600/114 Foley,
	Kevin T. , et al.				



Creation date: 12-07-2005
Indexing Officer: ALY4 - ANH-TUAN LY
Team: ZZZFEP
Dossier: 09668024

Legal Date: 12-15-2000

No.	Doccode	Number of pages
1	CTNF	4
2	892	1

Total number of pages: 5

Remarks:

Order of re-scan issued on